

REMARKS

Applicant thanks the Examiner for withdrawing the previous rejection of claims 1-28 under 35 U.S.C. 103.

Claims 1-3, 8, 10-14, 19 and 21-28 stand rejected under 35 U.S.C. § 103 as being unpatentable over Demas (2003/0093800) in view of Hazra (6,510,553).

Claims 4-7, 9, 15-18 and 20 stand rejected under 35 U.S.C. § 103 as being unpatentable over Demas in view of Hazra in view of Cloutier et al. (US Pat. 5,847,771).

Applicant respectfully traverses the rejection.

Neither Demas, Hazra, nor Cloutier, taken alone or in combination disclose or suggest all of the claimed limitations of the above amended claims. Demas discloses an approach for providing command packets to a portable video recorder. Abs. Demas discloses to embed command packets in a transport stream to more easily allow a portable device to perform such functions as trick play features. See, paras. 4-9, 44, 45. As apparently acknowledged by the Examiner, Demas does not disclose simultaneous display. Demas also does not generate control information associated with non-composited transport streams, transmitting said at least one non-composited digital transport stream as augmented over a digital link coupled to the display device, wherein the control information associates each AV program with a corresponding region on said display device to be displayed, as set forth in at least claim 1.

Hazra also does not disclose such. Hazra discloses to provide AV data from two different sources, one identified as the primary and one as the secondary. See, Hazra discloses to use a layered transport stream for the two sources. See, Fig. 3; col. 5: 42 through col. 7: 3. Hence, Hazra is not analogous art and teaches away from Applicant's

invention, which uses a non-composited digital transport stream – define in Applicant’s specification as not being a layered stream. See, para. 21. Further Hazra does not appear to disclose the limitation of control information associates each AV program with a corresponding region on said display device to be displayed. The Office action appears to assume such feature in present in Hazra but fails to provide any citation for such. Moreover, Hazra appears to merely designate one stream as “primary” and one as “secondary” and to provide resources based on the source of the stream, rather than a code within the stream. See, col. 7: 24 through col. 8: 55.

Cloutier does not cure the deficiencies of the above combination. As explained in Applicant’s previous response, Cloutier discloses to receive programs over an ATM system in which the AV data is broadcasts from a provider in multiplexed in packetized form. Col. 4: 64 through col. 6: 2; col. 7: 4-10; col. 45-64. Cloutier proposes to provide PIP in an ATM system by decoding the received ATM AV data of two received programs (e.g. to avoid the need for dual decoders), by first de-multiplexing them, decoding a primary program, and partially decoding a secondary program. See, Fig. 5, col. 9: 48-65; col. 11: 55 through col. 12: 34. Cloutier does not transmit a non-composited digital transport stream as augmented to a display device, as set forth in Applicant’s amended claims. The stream which Cloutier transmits to the display is not a “non-composited” stream. See, Fig. 8, col. 12: 35-42. Cloutier also does not include control information in the stream provided to the display device. Cloutier discloses to output the decoded PIP to a television by outputting to “television set 54 the primary and secondary images as a video signal representing a frame of the primary video data having

a portion overlaid by the decompressed secondary video data.” See, Fig. 8, col. 12: 35-42.

Accordingly, as neither Demas, Hazra nor Cloutier, taken alone or in combination, disclose or suggest all of the claim limitations, the combination does not render the above claims as unpatentable.

Claims not specifically mentioned above are allowable due to their dependence on an allowed base claim.

CONCLUSION

No fees are due for this Amendment beyond the fees for the Petition for a three (3) Month Extension of Time. However, the Office is authorized to charge any additional fees or underpayments of fees (including fees for petitions for extensions of time) under 37 C.F.R. 1.16 and 1.17 to account number 505278. Any overpayments should be credited to the same account.

Applicant respectfully requests reconsideration of the present application, withdrawal of the rejections made in the last Office Action and the issuance of a Notice of Allowance. The Applicant’s representative can be reached at the below telephone number if the Examiner has any questions.

Respectfully submitted,

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